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Department of Medical Electronics

Personal Details

Name :	Keren Evangeline. I	
Designation :	Assistant Professor (Ordinary Grade)	
Educational Qualification :	B. E., M.Tech., (Ph.D.)	
Experience:	Nil	
Area of Specialization :	Medical Image Processing, Deep Learning	
Date of Joining :	01/03/2022	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	Biomedical Engineering	Jerusalem college of Engineering / Anna University	2016
2	M.Tech.	Biomedical Engineering	SRM Institute of Science and Technology	2018
3	Ph.D.	Biomedical Engineering	SRM Institute of Science and Technology	Pursuing

Publication Details

Journals:

- Keren Evangeline, I.**, Glory Precious, J., Pazhanivel, N. et al. 'Automatic Detection and Counting of Lymphocytes from Immunohistochemistry Cancer Images Using Deep Learning' J. Med. Biol. Eng., Springer, 40, 735–747 (2020).[SCIE, I.F: 1.553]
- Keren Evangeline, S.P.** Angeline Kirubha, D. Raja, "Finite element analysis of biconcave fracture in thoracolumbar region of spine" (2019) Journal of International Pharmaceutical Research, Volume 46(4), pp. 97-102. [Scopus Indexed, SNIP: 0.035]

Conferences:

- I Keren Evangeline, S P Angeline Kirubha, J Glory Precious**, "Counting of lymphocytes using Faster RCNN approach", International conference on Instrumentation MEMS and Bio sensing Technology (ICIMBT 2020), SRMIST, India
- J Glory Precious, S P Angeline Kirubha, **I Keren Evangeline**, "Diagnosis of Brain tumor using blended Deep learning and supervised machine learning techniques", International conference on Instrumentation MEMS and Bio sensing Technology (ICIMBT 2020), SRMIST, India
- I Keren Evangeline, S P Angeline Kirubha, D Raja**, "A biomechanical study of T12-L2 in thoracolumbar region of spine affected by tuberculosis", IOP Conf. Series: Materials Science and Engineering, (2018), 402, 012089

Chapters:

1. J Glory Precious, S P Angeline Kirubha, **I Keren Evangeline**, (2022). Automatic Brain Tumor Classification in 2D MRI Images Using Integrated Deep Learning and Supervised Machine Learning Techniques. In Intelligent Vision in Healthcare (pp. 131-144). Springer, Singapore.

Research and Development Details

1. *No. of Research Projects Completed: Nil*

2. *No. of Patents Published: 02*

Title of the Patent : A SYSTEM FOR ANALYZING HISTOPATHOLOGICAL IMAGES AND A METHOD THEREOF

Name of inventor(s): Keren Evangeline. I, S. P. Angeline Kirubha, J. Glory Precious

Application No : 202041043243

Publication Date : 04.12.2020

Title of the Patent: A SYSTEM FOR ANALYZING IMAGES OF BRAIN TUMOR AND A METHOD THEREOF

Name of inventor(s): J Glory Precious, S P Angeline Kirubha, **I Keren Evangeline**

Application No : 202141033211

Publication Date : 06.12.2021

3. *No. of Ph.D candidates guided/guiding: Nil*

4. *No of Conferences Convened: Nil*

Other Particulars

1. *No. of Books Published: Nil*

2. *No. of STTP/FDP coordinated: Nil*

3. *Reviewed articles from Computers in Biology and Medicine, Elsevier*

4. *Citation Indices:*

Reference: <https://scholar.google.com/citations?user=cCYDqUwAAAAJ&hl=en>

<https://www.researchgate.net/profile/Keren-Evangeline>